

## EAST Search History

| Ref # | Hits    | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|------------------------------|------------------|---------|------------------|
| L1    | 1359    | ((138/96r) or (138/96T)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 12:35 |
| L2    | 38346   | rod with cap  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 12:35 |
| L3    | 1046691 | grounding or ground   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 12:35 |
| L4    | 284     | 2 with 3  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 12:38 |
| L5    | 2       | ((("d371944") or ("4202378"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 12:38 |
| L6    | 12      | ("1718161"   "2551834"   "2873765"   "3104681"   "3160175"   "3485271").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 12:38 |
| L7    | 6       | ("1661712"   "2712567"   "4156793"   "4887970").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 12:40 |
| L8    | 26      | ("0937130"   "1001054"   "1597169"   "1693848"   "1849186"   "2107835"   "2167799"   "3060257"   "3060258"   "3200190"   "3446910"   "4227034"   "4316050"   "4557409"   "5188187").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 12:56 |
| L11   | 23468   | pipe with cap   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 13:13 |
| L12   | 59684   | 2 or 11   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 13:13 |
| L13   | 87376   | dome or domed   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 13:13 |
| L14   | 774472  | rubber  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 13:13 |
| L15   | 89997   | pvc or polyvinylchloride  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 13:14 |
| L16   | 2201    | 12 and 13   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/05/24 13:14 |

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|     |     |  |                              |    |     |                  |
|-----|-----|--|------------------------------|----|-----|------------------|
| L17 | 525 | 16 and 14  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:14 |
| L18 | 84  | 16 and 15  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:14 |
| L19 | 509 | ((173/90) or (174/7)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:23 |
| L20 | 22  | ("0510884"   "1139129"   "1371669"<br>  "2277982"   "2488249"  <br>"2873765"   "3031783"   "3807457"<br>  "3884134"   "4285440"  <br>"4399743"   "5374121"   "5645347"<br>  "5678720"   "5915418").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:17 |
| L21 | 12  | ("0510884"   "2488249"   "2703670"<br>  "3031783"   "3433145"  <br>"4007759"   "4023699").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:18 |
| L22 | 18  | ("0380873"   "0421098"   "0511388"<br>  "0770019"   "0809667"  <br>"0902289"   "1811728"   "2807368"<br>  "3392844").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:20 |
| L23 | 367 | 4 or 18  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:22 |
| L24 | 2   | 19 and 13  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:23 |
| L25 | 35  | 19 and 14  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:23 |
| L26 | 4   | ("3143817"   "4960064"  <br>"4971479").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:24 |
| L27 | 1   | 19 and 15  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:25 |
| L28 | 407 | 23 or 24 or 25 or 26   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:25 |
| L29 | 456 | 19 not 28  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:33 |
| L30 | 863 | 19 or 28   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:33 |

## EAST Search History

|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| L31 | 491  | 17 not 30   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:33 |
| L32 | 10   | ("1746999"   "4372585"   "4717608"<br>  "4798301"   "4899903"  <br>"4903855"   "5033510"   "5377361"<br>  "5411158").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:49 |
| L33 | 1354 | 17 or 30  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:50 |
| L34 | 1355 | 1 not 33  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:50 |
| L35 | 27   | ("0262093"   "1083120"   "2215251"<br>  "3233502"   "3485271"  <br>"3693310"   "4000539"   "4012806"<br>  "4080770"   "4119290"  <br>"4179771"   "4202378"   "4269010"<br>  "4575978"   "4644726"  <br>"4655023"   "4694863"   "4824136"<br>  "4833850"   "4939830"  <br>"4972642"   "5313757").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:56 |
| L36 | 23   | ("0622376"   "1749162"   "2092535"<br>  "2195530"   "2272863"  <br>"2365888"   "3354742"   "3773169"<br>  "3856050"   "3942681"  <br>"4013099"   "4014368"   "4202378"<br>  "4423753"   "4518017"  <br>"4694863").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 13:59 |
| L37 | 8    | ("1851404"   "2249381"   "2917084"<br>  "3074589").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/24 14:02 |